

### Abstract of the Disclosure

The invention is directed to a method for operating a level control system of a motor vehicle which includes: a control apparatus, sensors for the direct or indirect determination of the distance of the vehicle chassis to the axles of the vehicle wheels; and, actuators for adjusting the distance of the vehicle chassis to these wheel axles. In the method, the control apparatus checks in a desired-actual comparison based on determined measured values whether the inclination of the vehicle chassis exceeds predetermined limit values. When these limit values are exceeded, one or several of the actuators are actuated in order to obtain a level compensation in the sense of a horizontal alignment of the vehicle chassis. To avoid a turnover of the vehicle (1) in an operating situation on a slope (2), the level compensating control activity is prevented by the control apparatus when the vehicle (1) is disposed in a slope and slant position (angles  $\alpha$ ,  $\beta$ ) which is impermissible for vehicle safety.